



5A Z4

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FULL-WAVE VACUUM RECTIFIER

GENERAL DATA

Electrical:

Filament, Coated:

Voltage. 5 ac or dc volts

Current. 2 amp

Mechanical:

Mounting Position. Vertical, or Horizontal with pins
2 and 8 in horizontal plane

Maximum Overall Length 3-5/32"

Maximum Seated Length. 2-5/8"

Maximum Diameter 1-3/16"

Bulb T-9

Base Lock-in 8-Pin

Basing Designation for BOTTOM VIEW 5T

Pin 1 - No

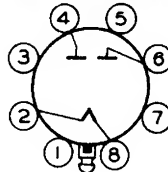
Connection

Pin 2 - Filament

Pin 3 - No

Connection

Pin 4 - Plate



Pin 5 - No

Connection

Pin 6 - Plate

Pin 7 - No

Connection

Pin 8 - Filament

Plug - Base Shell

FULL-WAVE RECTIFIER

Maximum Ratings, Design-Center Values:

PEAK INVERSE PLATE VOLTAGE 1400 max. volts

PEAK PLATE CURRENT 375 max. ma

DC OUTPUT CURRENT. 125 max. ma

Typical Operation:

	Capacitor- Input to Filter	Choke- Input to Filter	
AC Plate-to-Plate Supply			
Voltage (RMS).	700	1000	volts
Filter Input Capacitor	4	-	μf
Min. Total Effective Plate-Supply			
Impedance per Plate*.	50	-	ohms
Min. Filter Input Choke	-	5	henries
DC Output Current.	125	125	ma

* When the input capacitor of the filter exceeds 40 μf, it may be necessary to increase the plate-supply impedance in order to limit the peak current to the rated value.

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DATA